

WE CLAIM:

1. An encapsulated bleach comprising:
about 40 to about 99 wt-% core; the core comprising a source of active-halogen;
5 about 1 to about 60 wt-% outer coating; the outer coating comprising alkyl phosphate ester, alkyl sulfate ester, alkyl carboxylate with 6 to 14 carbons, salt thereof, or a mixture thereof.
- 10 2. The encapsulated bleach of claim 1, further comprising about 5 to about 50 wt-% inner coating; the inner coating comprising inorganic material.
3. The encapsulated bleach of claim 2, wherein the inner coating further comprises alkyl phosphate ester, alkyl sulfate ester, alkyl carboxylate with 6 to 14 carbons, salt thereof, or mixture thereof.
- 15 4. The encapsulated bleach of claim 3, wherein the inner coating comprises inorganic material and alkyl carboxylate with 6 to 14 carbons.
5. The encapsulated bleach of claim 3, wherein the alkyl carboxylate comprises a
20 7-11 carbon carboxylic acid salt.
6. The encapsulated bleach of claim 5, wherein the alkyl carboxylate comprises isononanoate.
- 25 7. The encapsulated bleach of claim 4, wherein the inner coating comprises sodium sulfate, sodium tripolyphosphate, and isononanoate.
8. The encapsulated bleach of claim 2, wherein the inner coating comprises builder.

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9. The encapsulated bleach of claim 4, wherein the builder comprises tripolyphosphate.

5 10. The encapsulated bleach of claim 2, wherein the inner coating comprises inorganic salt.

11. The encapsulated bleach of claim 4, wherein the inorganic salt comprises sodium sulfate.

10 12. The encapsulated bleach of claim 1, wherein the outer coating comprises alkyl phosphate ester.

13. The encapsulated bleach of claim 6, wherein the alkyl phosphate ester comprises a mixture of alkyl phosphate mono and diesters and the alkyl group comprises 12-
15 20 carbons.

14. The encapsulated bleach of claim 13, wherein the mixture of alkyl phosphate mono and diesters comprises a C₁₆-alkyl phosphate monoester and a C₁₆-alkyl phosphate diester.

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15. The encapsulated bleach of claim 1, wherein the source of active halogen comprises a source of active chlorine.

16. The encapsulated bleach of claim 15, wherein the source of active chlorine
25 comprises dichloroisocyanurate.

17. The encapsulated bleach of claim 2, comprising about 40 to about 90 wt-% core, about 5 to about 50 wt-% inner coating, and about 1 to about 30 wt-% outer coating.

30 18. The encapsulated bleach of claim 1, comprising about 85 to about 99 wt-% core and about 1 to about 15 wt-% outer coating.

19. A solid alkaline cleaning composition comprising:
about 20 to about 70 wt-% of a source of alkalinity; and
about 2 to about 80 wt-% of an encapsulated bleach comprising:
5 about 40 to about 99 wt-% core ; the core comprising a source of active-halogen;
about 1 to about 60 wt-% outer coating; the outer coating comprising alkyl phosphate ester, alkyl sulfate ester, alkyl carboxylate with 6 to 14 carbons, salt thereof, or a mixture thereof.
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20. The composition of claim 19, wherein the source of alkalinity comprises sodium hydroxide, potassium hydroxide, alkali metal borate, alkali metal carbonate, alkali metal silicate, amine, or mixture thereof.
- 15 21. The composition of claim 19, further comprising:
about 5 to about 60 wt-% builder; and
about 3 to about 20 wt-% water.
22. The composition of claim 21, wherein the builder comprises a polyacrylate, a
20 phosphinopolycarboxylate, a tripolyphosphate, or a combination thereof.
23. The composition of claim 19, wherein the encapsulated bleach further comprises about 5 to about 50 wt-% inner coating; the inner coating comprising inorganic material.
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24. The composition of claim 23, wherein the inner coating further comprises alkyl phosphate ester, alkyl sulfate ester, alkyl carboxylate with 6 to 14 carbons, salt thereof, or mixture thereof.
- 30 25. The composition of claim 24, wherein the inner coating comprises inorganic material and alkyl carboxylate with 6 to 14 carbons.

26. The composition of claim 19, having a form of powder, flake, granule, pellet, tablet, lozenge, puck, briquette, brick, solid block, or unit dose.

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